

Message Text

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TAGS: AORG, OCON, IAEA

SUBJ: IAEA ADVISORY GROUP ON USE OF NUCLEAR TECHNIQUES IN
WATER POLLUTION STUDIES, DEC 6-10, 1976, CRACOW, POLAND

1. AGENCY IS MAKING PLANS TO CONVENE SUBJECT MEETING TO
REVIEW CRITICALLY AND DISCUSS CURRENT INFO ON APPLICATIONS OF
NUCLEAR TECHNIQUES IN WATER POLLUTION PROCESSES AND PREDICTION.
TO STRENGTHEN SCOPE OF MEETING, PARTICULAR EMPHASIS SHOULD BE
GIVEN TO PROCESSES OF GROUND WATER POLLUTION, ESPECIALLY EFFECTS
OF SEEPAGE OF POLLUTED WATER INTO ACQUIFERS.

2. AGENCY EXPECTS TO INVITE ABOUT TEN SCIENTISTS FROM
DIFFERENT COUNTRIES ENGAGED IN PRACTICAL PROBLEMS OF WATER
POLLUTION. AGENCY EXPECTS TO INCLUDE FOLLOWING TOPICS IN ITS
PROVISIONAL PROGRAM FOR THIS MEETING:

A. HYDROGEOLOGY AND HYDRAULICS OF THE MOVEMENT OF POLLUTANTS
RELEASED TO THE UNDERGROUND AS FISSURE AND INTERGRANULAR FLOW.

B. CHEMISTRY AND THE INTERACTION OF POLLUTANTS WITHIN THE
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WATER-BEARING STRATA.

C. CASE STUDIES OF POLLUTANT OCCURRENCES UNDERGROUND WITH DUE REGARD TO URBAN REFUSE DISPOSAL, MINING WASTE DISPOSAL, SALINE WATERS AND AGRICULTURAL FERTILIZERS.

D. PREDICTION OF THE MOVEMENT OF POLLUTANTS, IN PARTICULAR, BY AQUIFER SIMULATION BY PHYSICAL AND MATHEMATICAL MODELS.

E. THE PRESENT STATE OF NUCLEAR TECHNIQUES APPLICABLE TO POLLUTION STUDIES IN GROUNDWATER.

F. CASE STUDIES ON THE USE OF NUCLEAR TECHNIQUES IN GROUNDWATER POLLUTION INVESTIGATIONS WITH SPECIAL REFERENCE TO THE RESOURCES NECESSARY FOR THEIR EXECUTION IN COMPARISON WITH CONVENTIONAL TECHNIQUES.

G. THE POTENTIAL OF NUCLEAR TECHNIQUES IN INVESTIGATIONS OF POLLUTION IN SURFACE WATERS AND ESTUARIES AND THEIR POSSIBLE

APPLICATION TO PROBLEMS OF GROUNDWATER POLLUTION.

3. AGENCY BELIEVES THIS MEETING WOULD BE OF INTEREST TO U.S. SCIENTISTS, BUT IS NOT FAMILIAR WITH SPECIFIC PERSONS WHO COULD BE POTENTIAL CONTRIBUTORS. AGENCY WOULD APPRECIATE, THEREFORE, NAMES OF POTENTIAL CONTRIBUTORS TO THIS MEETING AND DETAILS OF PROPOSED CONTRIBUTIONS. SINCE AGENCY FUNDS ARE LIMITED, AGENCY HOPES U.S. COULD COVER TRAVEL AND PER DIEM COSTS OF A PARTICIPANTS.

4. MISSION RECOMMENDS U.S. NOMINATE QUALIFIED EXPERT TO ATTEND THIS MEETING. IN ACCORDANCE WITH AGENCY'S STANDARD PRACTICE OF COVERING TRAVEL AND PER DIEM COSTS OF PARTICIPANTS INVITED TO ATTEND ADVISORY GROUP MEETINGS, MISSION SUGGESTS WE OFFER TO PROVIDE ONE EXPERT TO ATTEND AT AGENCY EXPENSE, UNLESS THERE ARE OVERRIDING REASONS TO CONTRARY. FOLLOWING RECEIPT OF NAME OF PROPOSED U.S. EXPERT, AGENCY WOULD ISSUE FORMAL INVITATION.

5. COPY OF AGENCY LETTER POUCHED AMMONS/ERDA.

PLEASE ADVISE.LABOWITZ
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